



V. Barron
8-29-84

s/a

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:) Before the Examiner
William A. Cook et al.) M. Shein
Serial No. 542,590) Group Art Unit 335
Filed October 17, 1983) August 20, 1984
EXERCISE RESPONSIVE) I hereby certify that this correspondence is
CARDIAC PACEMAKER) being deposited with the United States Post-
al Service as first class mail in an envelope
addressed to: Commissioner of Patents and
Trademarks, Washington, D.C.
20231 on Aug 20, 1984

AMENDMENT AFTER FIRST ACTION

Hon. Commissioner of Patents and Trademarks
Washington, D. C. 20231

Sir:

In response to the Office Action dated March 20, 1984,
please enter the following amendment in the above
identified patent application.

IN THE CLAIMS:

Please cancel claims 1 through 9.

Please amend claim 10 as follows:

10. (Amended) A catheter-based sensor and stimulus
means for an exercise responsive cardiac pacemaker
including pacing circuitry for providing electrical
stimulation of a heart based upon the level of muscular
exertion, comprising:

a sensor means for sensing blood temperature, said
sensor means having a pair of electrical leads;

a stimulus means for applying an electrical stimulus
to a heart; [and]